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(72) Inventor(s) Graeme Roy Smith	(58) Field of Search UK CL (Edition Q) G5R RAC RAD RB15 RB25 RGA INT CL ⁶ G06F 1/18 , G11B 33/00 33/06 33/12 Online: EPODOC; WPI
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(54) Abstract Title
Improvements to hi-fidelity and home entertainment systems

(57) Apparatus for implementing various configurations of high fidelity and home entertainment systems, comprises of a plurality of card modules, each card performing a sub function of the overall system, can be combined in an efficient way to form a modular and expandable system. Many of today's' entertainment systems employ duplicate functions. These individual systems can be partitioned so similar functions are shared in the said apparatus allowing different system configurations to share common resources and optimise overall system functionality and performance.

The cards are housed in a modular card frame with connection means to a backplane. Each card itself is a modular system with means to insert sub function mezzanine boards enabling systems to be upgraded inexpensively.

Card module inter communications is either by backplane means or data packets routed by switching means. To enable digital processing of signals, analogue signals can be converted to a digital format.

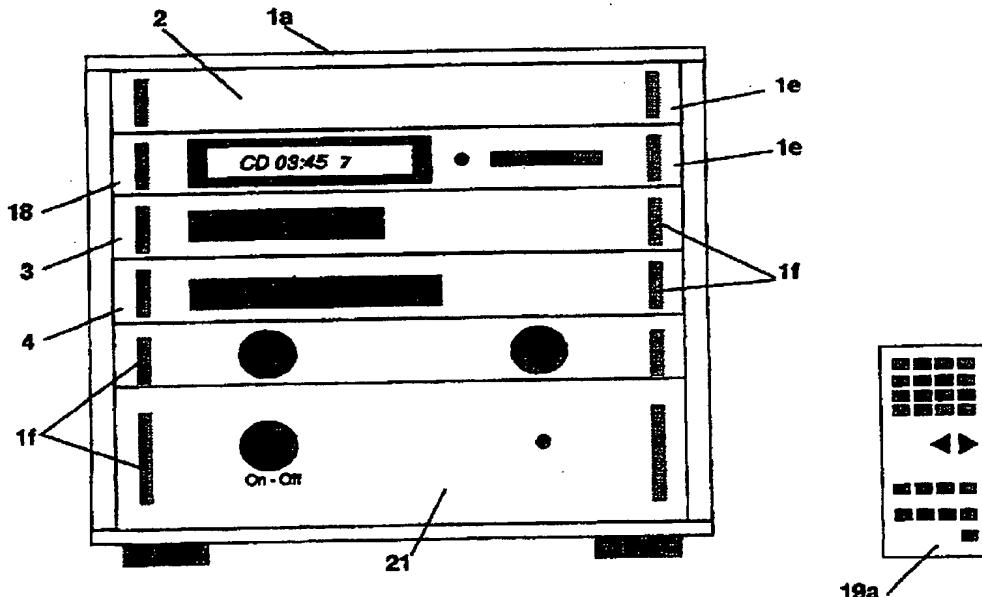


FIG 1.

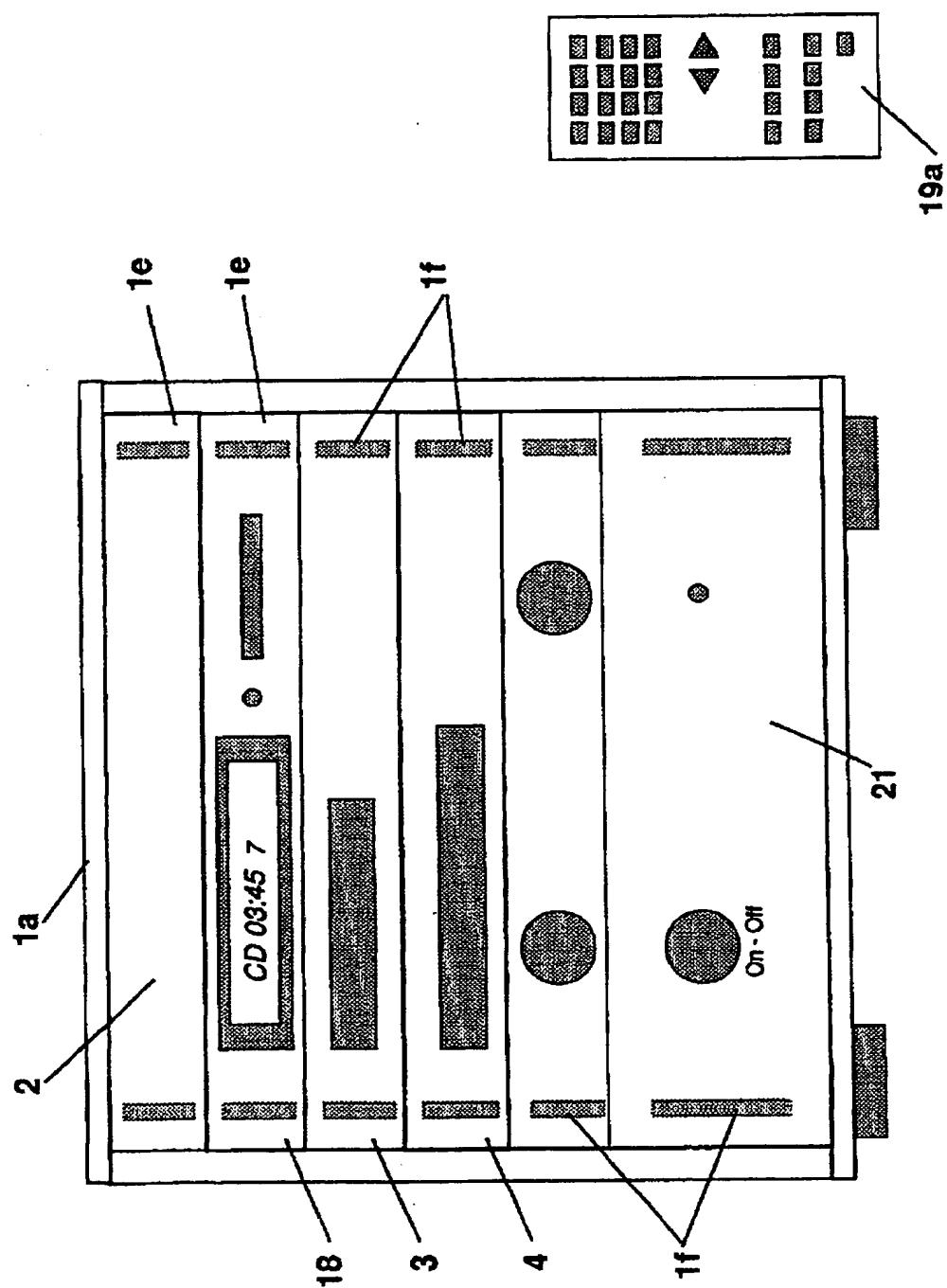


FIG 1.

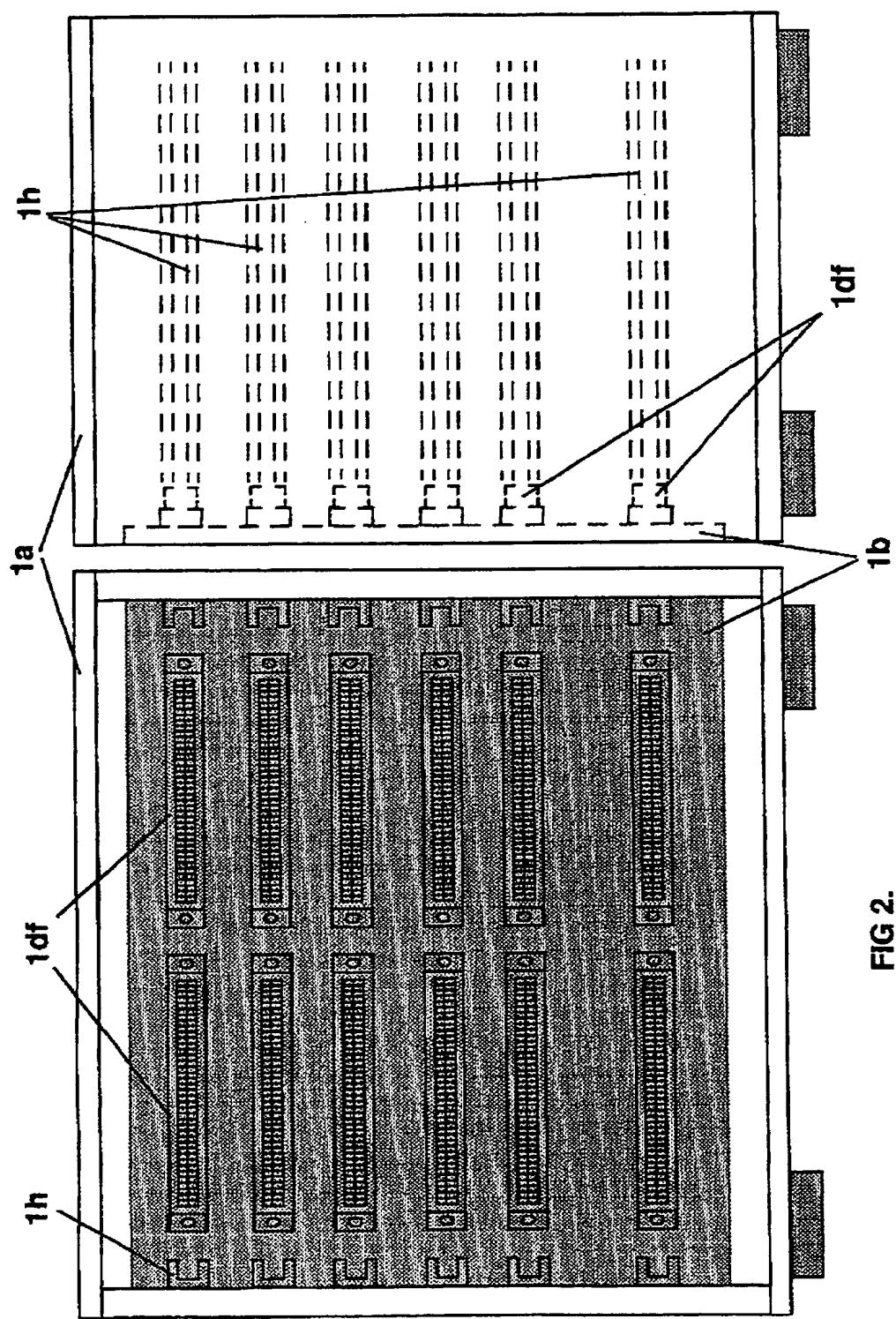
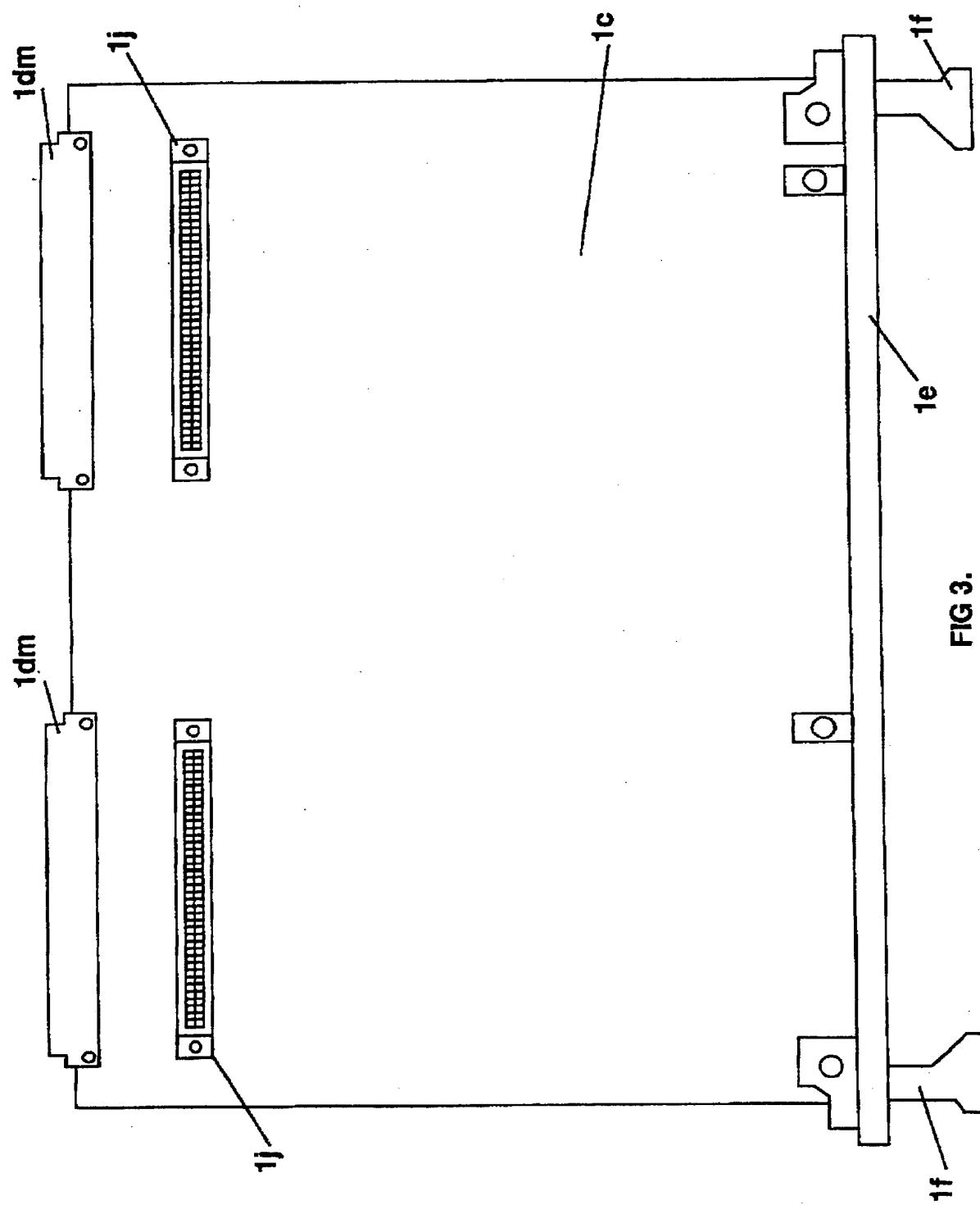


FIG 2.



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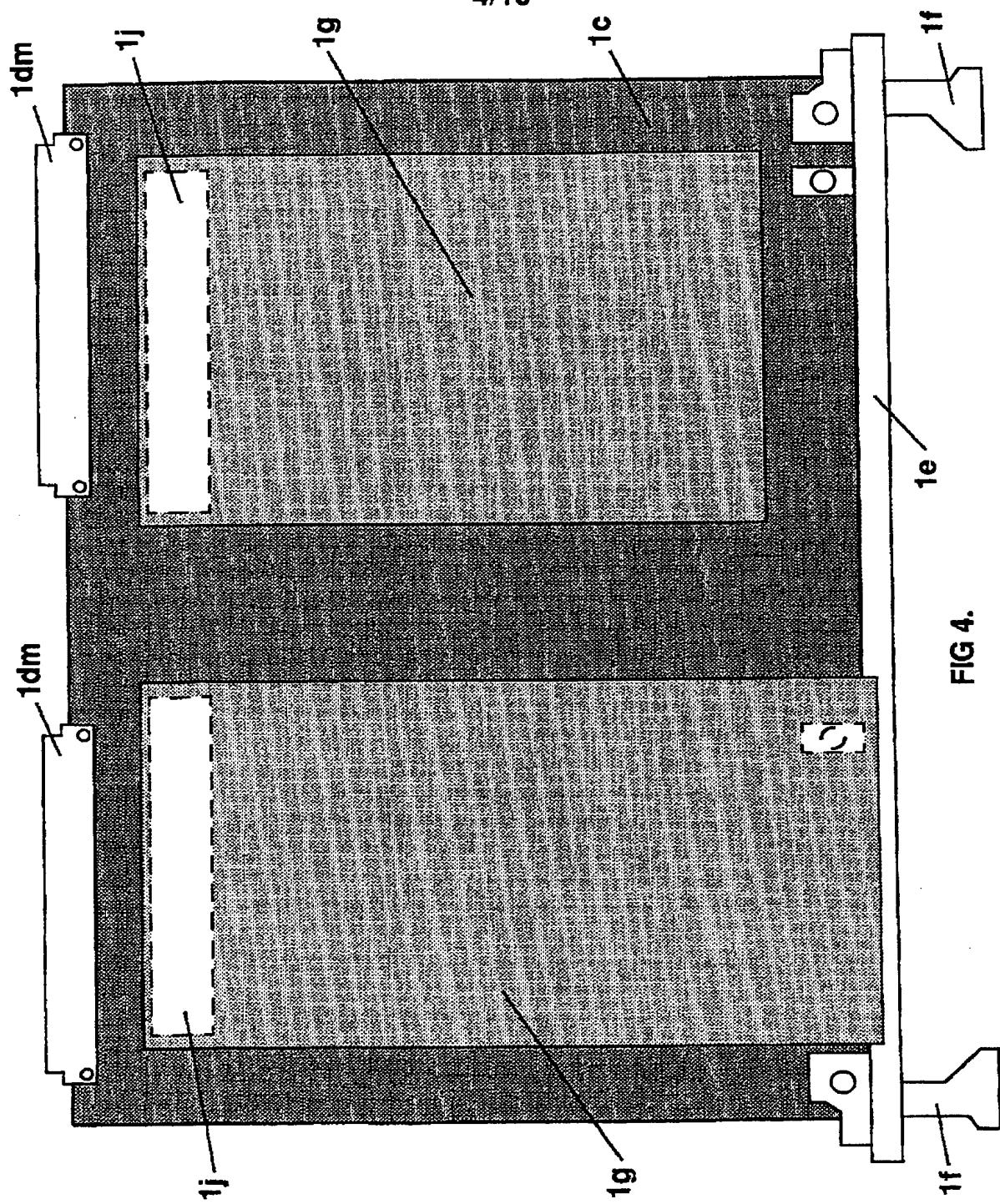


FIG 4.

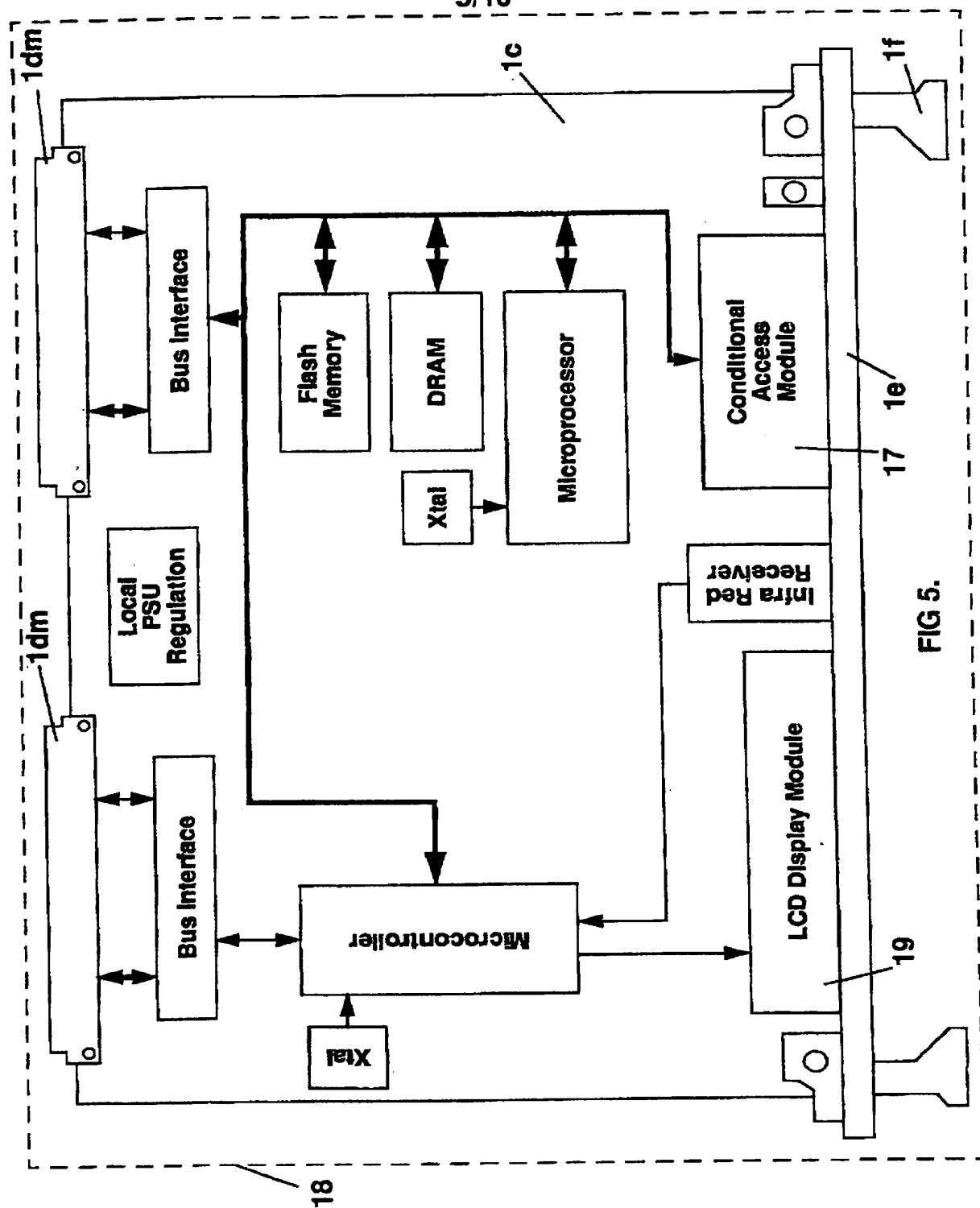


FIG 5.

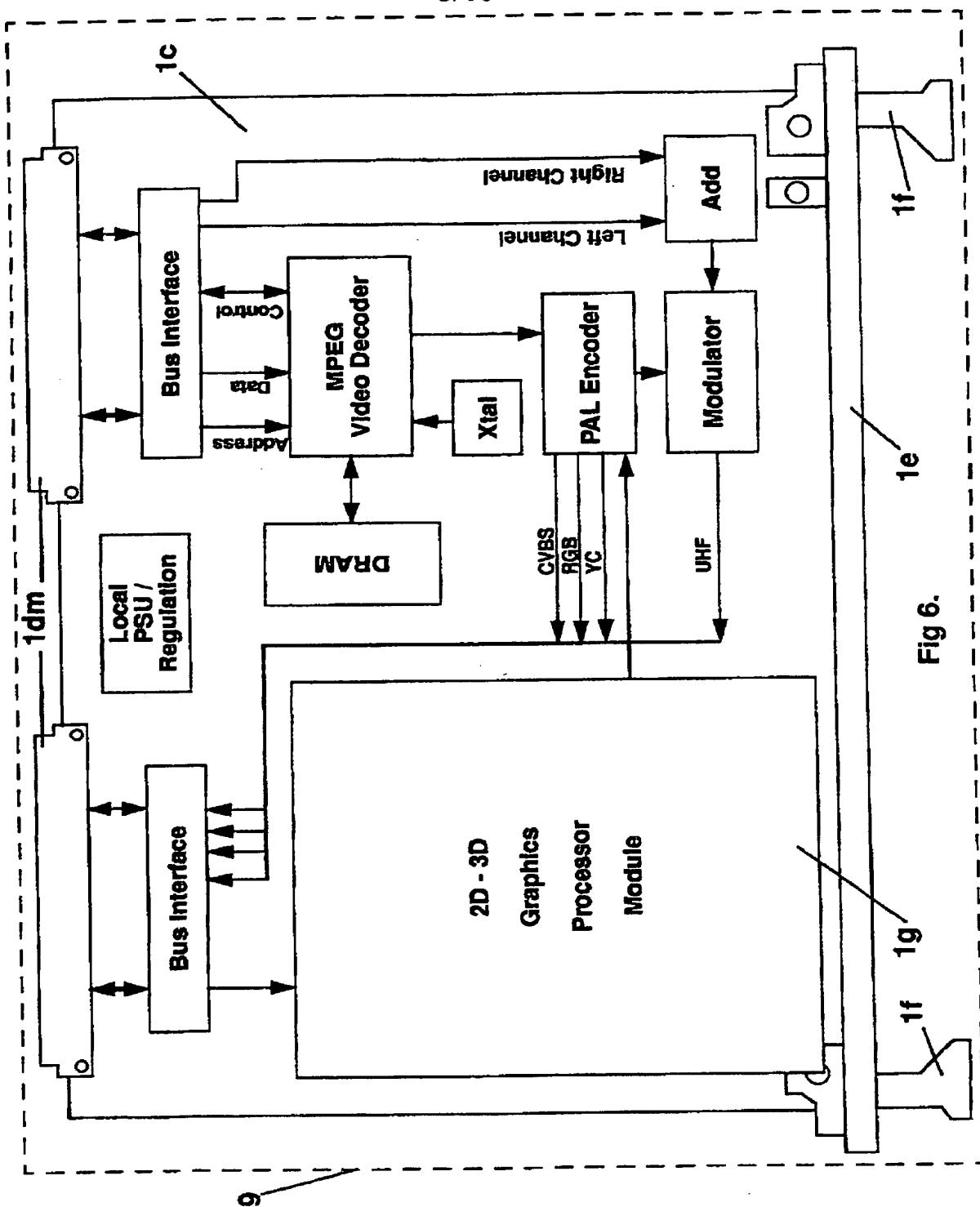


Fig 6.

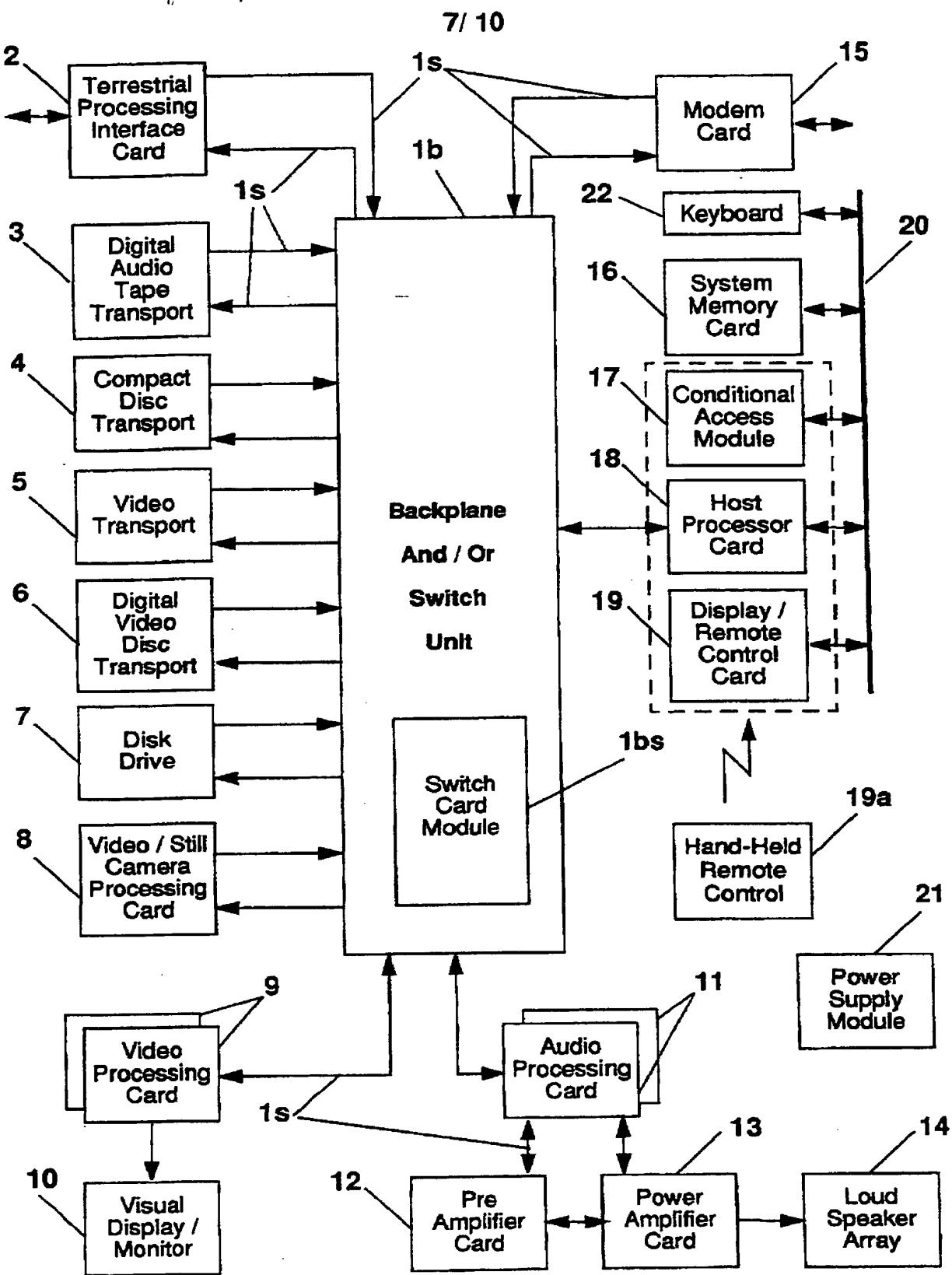


Fig 7.

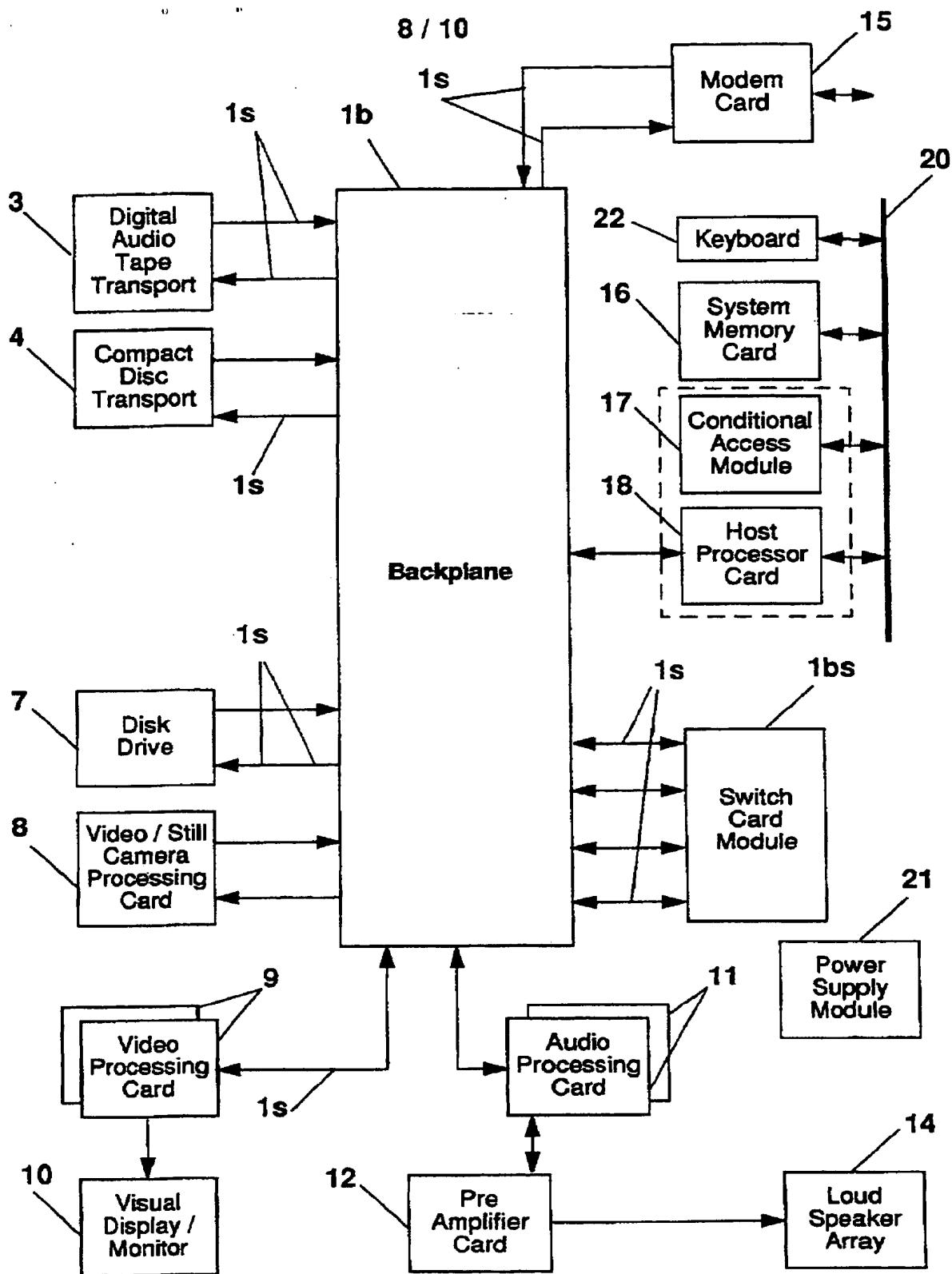


Fig 8.

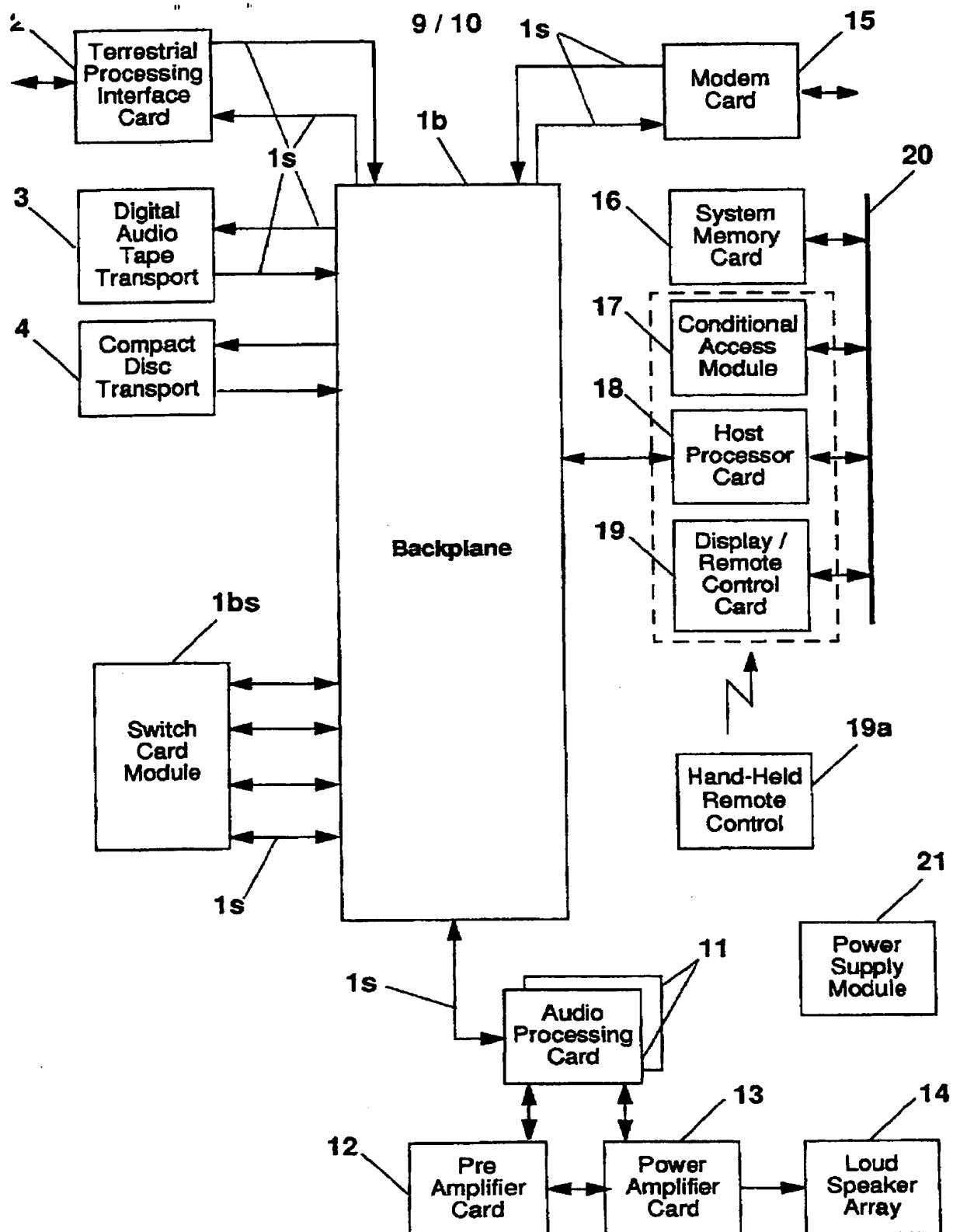


Fig 9.

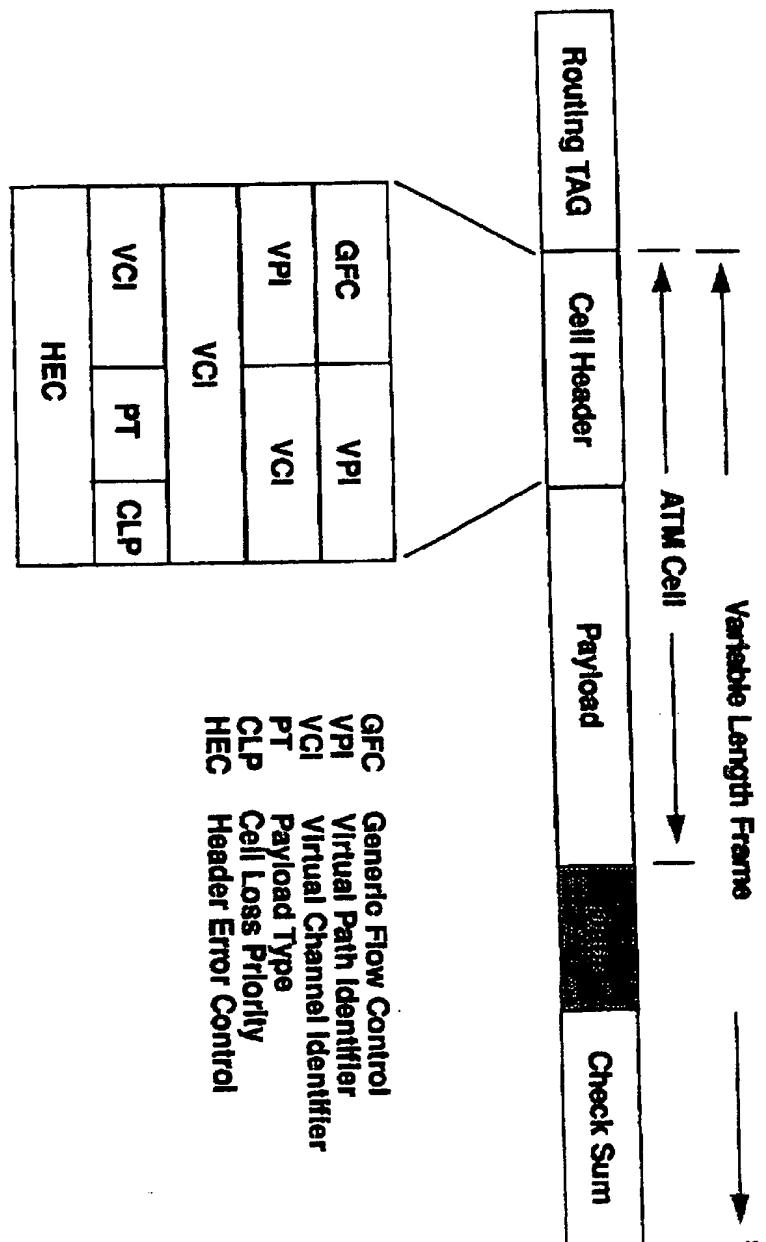


FIG. 10.

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